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HANDLE VIA  
TACTICAL KEYHOLE  
CONTROL SYSTEM ONLY

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TCS #8100/64  
PID/ABCB 196/64  
11 September 1964  
Copy # \_\_\_\_\_

MEMORANDUM FOR: Chief, SR Division, DD/P

ATTENTION:

25X1A

THROUGH:

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Search for Uranium Processing Plant Near  
Kafan, USSR

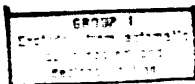
REFERENCES: Requirement No. DDP/357/64  
CIA Project No. C 1276/64

25X1C 1. The referenced requirement requested support to identify the location and nature of an installation as pictured by ground photography [REDACTED] intelligence. The photography was reported as the town of Okhce, in the Kafan area, USSR (39-12N 46-24E). The information received with the photographs described Okhce as a restricted area with a uranium mine and processing plant. The search using available photographic coverage was centered along the Okhchichay River, an alternate spelling being Ochtschi-chai, on which Kafan is the major city.

25X1D 2. An AMS map (Series N 501, Sheet NJ 38-3) shows a town named Okhchi, near Kadzharan (or Kadzharants), on the Okhchi River about 13 miles west-southwest of Kafan at 39-09N 46-09E. Okhchi was identified on KEYHOLE [REDACTED] and was confirmed on TA-LENT [REDACTED] as being the site of the installation shown on the ground photography. Comparison with the ground photography clearly reveals the same large ore concentration plant, similar road network and layout of buildings, and correct stream position. The ground shots were taken facing east.

25X1D 3. The aerial photography also reveals a fairly large open-pit mine west of Okhchi. There appears to have been extensive working between [REDACTED] as shown by the extent of the stripping and growth of waste piles. The largest building apparently is the ore concentration plant. The area is isolated by high mountains except for the access road along the stream valley from Kafan. This road contains a number of roadside buildings,

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presumably used as checkpoints for security. This points to some forced labor as reported by the [REDACTED]. No fenced compounds around industrial-type buildings were observed as might be expected for a uranium plant.

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4. A determination as to the type of mining is not possible from the photography alone. The area had been previously reported by CIA Brief B 87-57 following TALENT [REDACTED] as not showing evidence of uranium mining activity. A check of the NIS Section of Minerals and Metals, USSR, lists Kadzharan as an area of copper-molybdenum deposits (chiefly chalcopyrite). Exploitation was started in 1952. The ore is concentrated at Kadzharan but refined elsewhere. In view of the published accounts, it would seem that uranium, if present, was obtained only as a by-product, and in small quantities. However, the validity of the information might bear checking by other available sources.

5. Enclosed are two annotated photos, CIA/PID/ABCB/P-223 and 224/64, and a location map, CIA/PID/ABCB/P-225/64, for your retention. The ground photos are also enclosed. They have been assigned accessioning numbers 603071 and 603072 by PID/GMB and could be listed as Ore Concentration Plant, Okhchi (near Kadzharan), USSR.

6. The following materials were utilized on this project:

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Documents

1. NIS - USSR, Chapter VI, Section 63, "Minerals and Metals" (Sept. 1960), pp. 32, 52, 54, 63. Secret.
2. CIA Photographic Intelligence Brief, No. B-87-57 "Search for Uranium Mining Activity, Transcaucasus, USSR" (16 Sept. 57).  
Top Secret Chess

Maps

USATC Series 200, Sheet 0330-6AL, Scale 1/200000, May 1960. Secret  
AMS Series N501, Sheet NJ-38-3; Scale 1/250000, May 1961. Unclassified

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HEREIN IS UNCLASSIFIED

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7. The location of the site as being near Kadzharan, USSR and the presence of mining nearby was telephoned to [REDACTED] SRD/DD/P, on 18 August 1964. This preliminary reply satisfied the priority requirement for the 19 August 1964 due date.

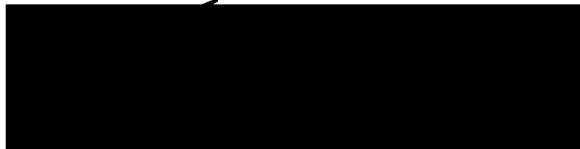
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8. The photo analyst on this project was Mr. [REDACTED]. He may be contacted on extension 2317 should you have further questions regarding the requirement.

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9. This memorandum with enclosures completes the referenced requirement.

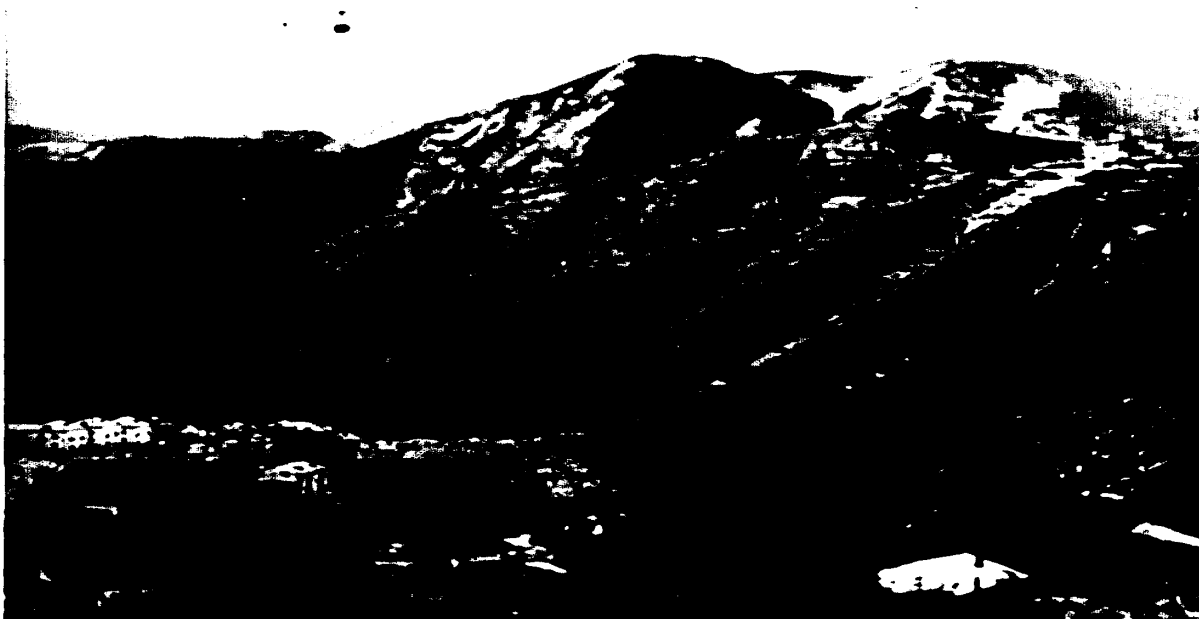
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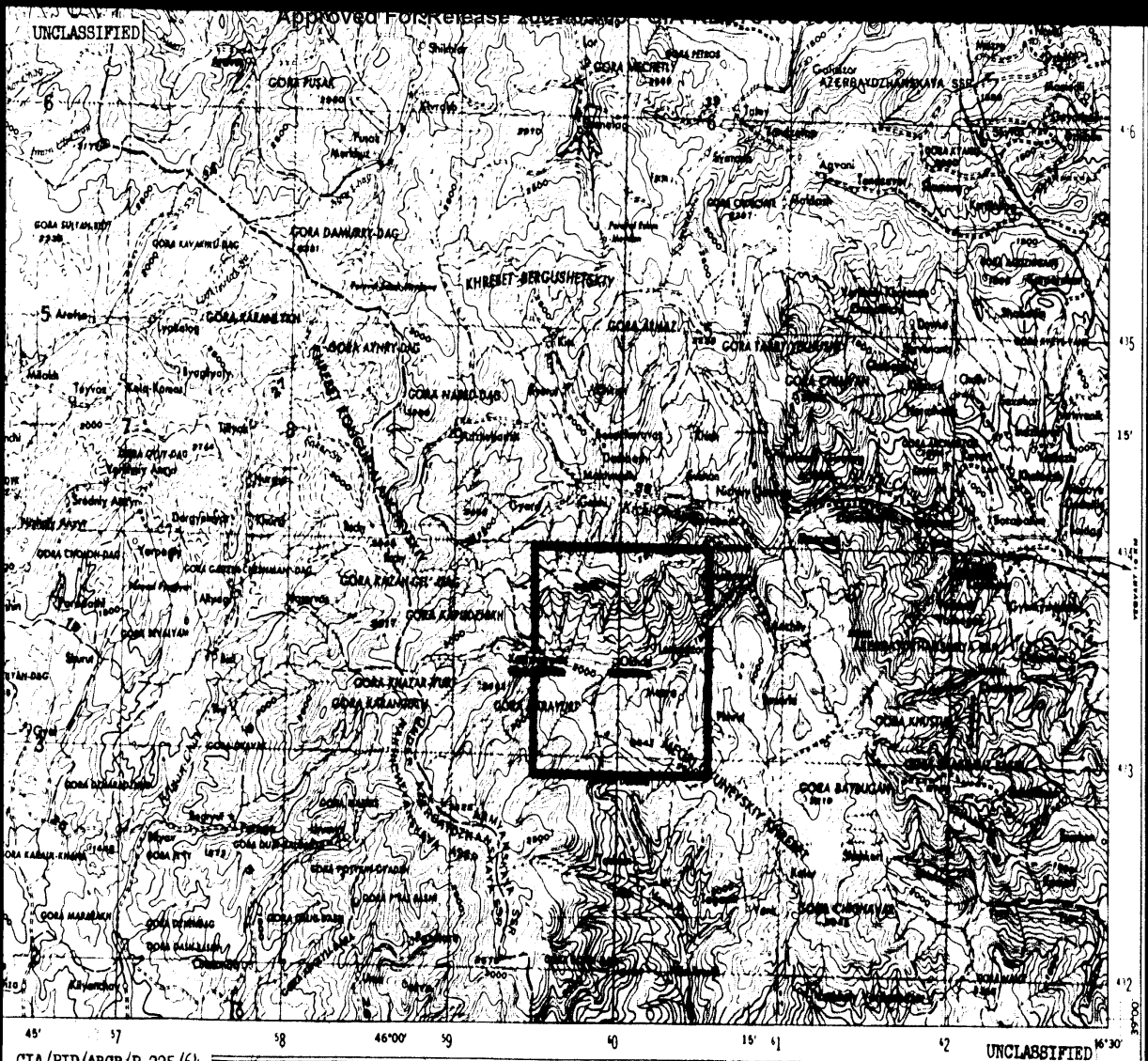
**Enclosures:**

CIA Photos #603071 and 603072  
CIA/PID/ABCB/P-223/64 & 224/64 (Annotated Photographs)  
CIA/PID/ABCB/P-225/64 (Location Map)  
Total of 2 Enclosures

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CIA/PID/ABCB/P-225/64

Scale 1:250,000

10 15 20 Miles

15 20 25

15000 20000 25000 30000 Yards

AMS SERIES 501

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MP 5-61 PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS

GRID ZONE DESIGNATION

TO GIVE A STANDARD REFERENCE ON

THE SHEET TO NEAREST 1000 METERS

TECHNIQUE

NK PK

Read letters identifying 100,000 meter

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00291 7 20 2

OKHCHI

ORE STOCKPILE

ORE CONCENTRATION PLANT

MILL WASTE DUMP

DIRECTION OF GROUND PHOTO

KADZHARAN

OPEN-PIT MINE

MINING OPERATION  
OKHCHI (NEAR KADZHARAN), USSR  
39-09N 46-09E

25X1D

CONTACT

TCS 8100/64

1/03/03 : CIA-RDP78T05400A0001-1 070021-1

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SECRET RUFF

25X1D MINING OPERATION  
OKHCHI (NEAR KADZHARAN), USSR  
39-09N 46-09E

KADZHARAN

ORE CONCENTRATION PLANT

OKHCHI

MILL WASTE DUMP

WASTE TAILINGS

OPEN-PIT MINE

POSSIBLE FLOTATION BLDG.

MAX ENLARGEMENT

TCS #8100/64

CIA/PID/ABCB/P-223/64 SECRET RUFF M46616

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